

Ivesia webberi A. Gray**WEBBER IVESIA****FAMILY:** *Rosaceae*, the rose family.**SYNONYMS:** *Potentilla webberi*
*Horkelia webberi***STATUS:****Heritage Program SENSITIVE LIST, ranks: G2 S1****USFWS/ESA:** species of concern. **STATE OF NEVADA:** recommended for full protection. **BLM:** Special Status Species in Nevada and California. **USFS:** Humboldt-Toiyabe NF and Region 5 (California) Sensitive Species. **NNNPS:** THREATENED.**POPULATION CENSUS (NEVADA):** 6 occurrences mapped at 1.0 km (0.6 mi) separation, OR 8 occurrences mapped at 0.16 km (0.1 mi) separation; total estimated individuals 4,700,000+, total estimated area 13.0 ha (32.1 ac).**TREND:** DECLINING.**IMPACTS AND MAJOR THREATS (NEVADA):** Residential development, road development and maintenance, off-road vehicle use, vulnerable to concentrated livestock trampling, fire suppression activities, competition from invasive weeds.**INVENTORY EFFORT (NEVADA):** Surveys mostly complete. Most recent entered survey 2000, average year of last survey 1993. **Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 88.9%; **31-50 yrs:** 11.1%.**LAND MANAGEMENT (NEVADA)** in decreasing predominance: private lands, Humboldt-Toiyabe National Forest, U. S. Bureau of Land Management, Nevada state lands (?), Native American lands (?).**RANGE:** Douglas and Washoe counties, Nevada; also in CA. Known in Nevada from the Pine Nut and Carson ranges and Peavine Mountain. Maximum Nevada **range dimension 21.5 km (13.4 mi)** excluding most disjunct record.**ELEVATIONS RECORDED (NEVADA):** 4000-5950 feet (1219-1814 meters).**HABITAT (NEVADA):** Shallow shrink-swell clay soils with a gravelly surface layer over volcanic, generally andesitic bedrock, on mid-elevation benches and flats, usually codominating with *Artemisia arbuscula* and *Elymus elymoides* in association with *Antennaria dimorpha*, *Balsamorhiza hookeri*, *Erigeron bloomeri*, *Lewisia rediviva*, *Viola beckwithii*, etc.**PHENOLOGY:** flowering late-spring to summer. Range of most frequent **survey months:** April-September.**LIFE-FORM AND HABIT:** small perennial herb.**DESCRIPTION:** A perennial, tap-rooted low spreading herb. **Distinguishing features:** A perennial, taprooted low spreading herb to 2.5 dm across with silky haired grayish leaflets clustered at the tips of a dark red rachis and bright yellow ball-like heads of flowers. This distinctive species is not likely to be confused with other similar species. Most resembles *I. unguiculata* in the leaflets; but these are crowded on an inch or less of the rachis, and the villosity is less dense and silky; also the petals are smaller and bright yellow.**PHOTOGRAPHS:** Weixelman and Atwood (1990), Witham (2000); Nevada Natural Heritage Program images web page (1998-present), slide collection (1986-present), and files.**ILLUSTRATIONS:** Cronquist et al. (1997), Weixelman and Atwood (1990).**OTHER GENERAL REFERENCES** (listed separately): Hickman (1993).**SPECIFIC REFERENCES:**Witham, C. W. 1991. Final report, focused field survey, *Ivesia webberi*, Webber's ivesia, Toiyabe National Forest, Sierra County, California and Washoe County, Nevada, June 3-27, 1991. Sparks: Toiyabe National Forest, unpublished.Witham, C. W. 2000. Current knowledge and conservation status of *Ivesia webberi* Gray (Rosaceae), the Webber ivesia, in Nevada. Carson City: Nevada Natural Heritage Program, status report prepared for the U. S. Fish and Wildlife Service, Reno, Nevada.